

In the Claims

Amend claims 1, 6, and 9-15 as follows:

1. (Amended) A recombinant Sendai virus vector expressing a substantial amount of biologically active chemokine.

6. (Amended) A method of producing a substantial amount of biologically active chemokine which comprises inserting at least one chemokine gene into a Sendai virus vector, allowing the vector to produce said chemokine, and recovering said chemokine.

9. (Amended) A method of treating human immunodeficiency virus infection, which comprises administering to human subjects a recombinant Sendai virus vector expressing a substantial amount of biologically active CXC-chemokine and allowing the vector to express the chemokine *in vivo*.

10. (Amended) A method of treating human immunodeficiency virus infection, which comprises collecting target cells from human subjects, infecting the cells with a recombinant Sendai virus vector expressing a substantial amount of biologically active CXC-chemokine, and giving the infected cells back to the human subjects.

11. (Amended) A pharmaceutical composition comprising a recombinant Sendai virus vector expressing a substantial amount of biologically active stromal cell-derived factor α or stromal cell-derived factor β and a pharmaceutically acceptable carrier, wherein said vector is disseminative.

12. (Amended) A pharmaceutical composition comprising a recombinant Sendai virus vector expressing a substantial amount of biologically active stromal cell-derived factor α or stromal cell-derived factor β and a pharmaceutically acceptable carrier, wherein said vector is infectious and replicates autonomously, but is not disseminative.

13. (Amended) A method of inhibiting HIV proliferation, which comprises infecting HIV-infected cells with a recombinant Sendai virus vector expressing a substantial amount of biologically active chemokine and incubating the cells to allow production of chemokine.

14. (Amended) A host cell transfected with a recombinant Sendai virus vector expressing a substantial amount of biologically active chemokine.

15. (Amended) A method of inhibiting HIV proliferation which comprises,